

Serial No. 09/803,990  
Reply to Office Action dated December 15, 2004

Docket No. P-0203

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-21. (Canceled)

22. (New) A device for generating usage history information describing a list of user actions with respect to multimedia content, wherein said usage history information comprises:

an action type information describing a type of action contained in said list of user actions; and

a user action information describing each action contained in said list of user actions, wherein said user action information comprises:

a time information describing a time when each action takes place; and

a URL indicating a location containing a description of said multimedia content.

23. (New) The device according to claim 22, wherein each action contained in said list of user actions has the same action type information.

24. (New) The device according to claim 22, wherein said description comprises genre, director, and actor of said multimedia content.

25. (New) The device according to claim 22, wherein said user action information further comprises a program identifier of multimedia content associated with each action.

26. (New) A method for processing user preference information based on a list of user actions with respect to multimedia content, the method comprising:  
generating usage history information when each action takes place; and  
extracting said user preference information from said generated usage history information for a certain period, wherein said usage history information comprises:  
an action type information describing a type of action contained in said list of user actions; and

a user action information describing each action contained in said list of user actions, wherein said user action information comprises:

a time information describing a time when each action takes place;  
and  
a URL indicating a location containing a description of said multimedia content.

27. (New) The method according to claim 26, wherein each action contained in said list of user actions has the same action type information.
28. (New) The method according to claim 26, wherein said description includes genre, director, and actor of said multimedia content.
29. (New) The method according to claim 26, further comprising collecting said generated usage history information to extract said user preference information.
30. (New) The method according to claim 26, wherein said user action information further comprises a program identifier of multimedia content associated with each action.
31. (New) A usage history information describing a list of user actions with respect to multimedia content stored in a storage medium, said usage history information comprising:
  - an action type information describing a type of action contained in said list of user actions; and
  - a user action information describing each action contained in said list of user actions, wherein said user action information comprises:
    - a time information describing a time when each action takes place; and

a URL indicating a location containing a description of said multimedia content.

32. (New) The usage history information according to claim 31, wherein each action contained in said list of user actions has the same action type information.

33. (New) The usage history information according to claim 31, wherein said description comprises genre, director, and actor of said multimedia content.

34. (New) The usage history information according to claim 31, wherein said user action information further comprises a program identifier of multimedia content associated with each action.

35. (New) A storage medium for storing usage history information describing a list of user actions with respect to multimedia content, wherein said usage history information comprises:

an action type information describing a type of action contained in said list of user actions; and

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a user action information describing each action contained in said list of user actions, wherein said user action information comprises:

a time information describing a time when each action takes place; and  
a URL indicating a location containing a description of said multimedia content.

36. (New) The storage medium according to claim 35, wherein each action contained in said list of user actions has the same action type information.

37. (New) The storage medium according to claim 35, wherein said description comprises genre, director, and actor of said multimedia content.

38. (New) The storage medium according to claim 35, wherein said usage history information further comprises a program identifier of multimedia content associated with said each action.